
Vol. 65 1977/78

CHROMOSOMA

Editorial Board

H. BAUER, Erlangen

Managing Editor

W. BEERMANN, Tübingen

J. G. GALL, New Haven

B. JOHN, Canberra

H. C. MACGREGOR, Leicester

R. B. NICKLAS, Durham

J. SYBENGA, Wageningen

J. H. TAYLOR, Tallahassee

D. von WETTSTEIN, Copenhagen

Advisory Board

T. CASPERSSON, Stockholm

R. DIETZ, Tübingen

J. E. EDSTRÖM, Stockholm

W. HENNIG, Nijmegen

T. C. HSU, Houston

H.-G. KEYL, Bochum

C. D. LAIRD, Seattle

G. F. MEYER, Tübingen

H. STERN, La Jolla

CH. A. THOMAS, Jr., Boston



Springer International

The exclusive copyright for all languages and countries, including the right for photomechanical and any other reproductions, also in microform, is transferred to the publisher.

The use of registered names, trademarks etc. in this publication does not imply, even in the absence of a specific statement, that such names are exempt from the relevant protective laws and regulations and therefore free for general use.

Alle Rechte, einschließlich das der Übersetzung in fremde Sprachen und das der fotomechanischen Wiedergabe oder einer sonstigen Vervielfältigung, auch in Mikroform, vorbehalten. Jedoch wird gewerblichen Unternehmen für den innerbetrieblichen Gebrauch nach Maßgabe des zwischen dem Börsenverein des Deutschen Buchhandels e.V. und dem Bundesverband der Deutschen Industrie abgeschlossenen Rahmenabkommens die Anfertigung einer fotomechanischen Vervielfältigung gestattet. Wenn für diese Zeitschrift kein Pauschalabkommen mit dem Verlag vereinbart worden ist, ist eine Wertmarke von DM 0,40 pro Seite zu verwenden. *Der Verlag läßt diese Beträge den Autorenverbänden zufließen.*

Die Wiedergabe von Gebrauchsnamen, Handelsnamen, Warenbezeichnungen usw. in dieser Zeitschrift berechtigt auch ohne besondere Kennzeichnung nicht zu der Annahme, daß solche Namen im Sinne der Warenzeichen- und Markenschutz-Gesetzgebung als frei zu betrachten wären und daher von jedermann benutzt werden dürften.

Springer-Verlag Berlin · Heidelberg · New York

Printed in Germany by Universitätsdruckerei H. Stürtz AG, Würzburg

© by Springer-Verlag Berlin · Heidelberg 1977/78

Table of Contents Volume 65

No. 1 pp. 1-102 issued on 30.12.1977

No. 2 pp. 103-198 issued on 16. 1.1978

No. 3 pp. 199-292 issued on 10. 2.1978

No. 4 pp. 293-392 issued on 24. 2.1978

Alonso, C., s. Lubsen, N.H., et al.	199
Ananiev, E.V., Barsky, V.E.: Localization of RNA Synthesis Sites in the 1B-3C Region of the <i>Drosophila melanogaster</i> X Chromosome	359
Andronico, F., s. Batistoni, R., et al.	231
Barat, M., s. Pinon, H., et al.	383
Barsacchi-Pilone, G., s. Batistoni, R., et al.	231
Barsky, V.E., s. Ananiev, E.V.	359
Batistoni, R., Andronico, F., Nardi, I., Barsacchi-Pilone, G.: Chromosome Location of the Ribosomal Genes in <i>Triturus vulgaris meridionalis</i> (Amphibia Urodela). III. Inheritance of the Chromosomal Sites for 18S+28S Ribosomal RNA	231
Bautz, E.K.F., s. Greenleaf, A.L., et al.	127
Belote, J.M., s. Lucchesi, J.C., et al.	1
Blin, N., s. Wilson, F.E., et al.	373
Block, B.M., s. Howell, W.M., et al.	9
Carter, C.R., s. Kyhos, D.W., et al.	81
Dufresne, C., s. Pinon, H., et al.	383
Egyházi, E.: Kinetic Evidence that a Discrete Messenger-like RNA is Formed by Post-Transcriptional Size Reduction of Heterogeneous Nuclear RNA	137
Elder, F.B., s. Szabo, P., et al.	161
Fiil, A., Goldstein, P., Moens, P.B.: Precocious Formation of Synaptonemal-like Polycomplexes and Their Subsequent Fate in Female <i>Ascaris lumbricoides</i> var. <i>suum</i>	21
Fletcher, H.L.: Localised Chiasmata Due to Partial Pairing: A 3D Reconstruction of Synaptonemal Complexes in Male <i>Stethophyma grossum</i>	247
Fletcher, H.L., Hewitt, G.M.: Non-homologous Synaptonemal Complex Formation in a Heteromorphous Bivalent in <i>Keyacris scurra</i> (Morabinae, Orthoptera)	271
Fuge, H.: Fine Structure of Anaphase Bridges in Meiotic Chromosomes of the Crane Fly <i>Pales</i>	241
Ghosh, I., s. Ghosh, S., et al.	293
Ghosh, S., Paweletz, N., Ghosh, I.: Mitotic Asynchrony of Multinucleate Cells in Tissue Culture	293
Goldstein, P., s. Fiil, A., et al.	21
Grainger, R.M., Ogle, R.C.: Chromatin Structure of the Ribosomal RNA Genes in <i>Physarum polycephalum</i>	115
Greenleaf, A.L., Plagens, U., Jamrich, M., Bautz, E.K.F.: RNA Polymerase B (or II) in Heat Induced Puffs of <i>Drosophila</i> Polytene Chromosomes	127
Grierson, D., s. Hemleben, V.	353
Haines, R.L., Roberts, P.A., Lattin, J.D.: Paracentric Inversion Polymorphism in the Grasshopper <i>Boonacris alticola</i>	185
Harada, M., Yosida, T.H.: Karyological Study of Four Japanese <i>Myotis</i> Bats (Chiroptera, Mammalia)	283
Hemleben, V., Grierson, D.: Evidence that in Higher Plants the 25S and 18S rRNA Genes are not Interspersed with Genes for 5S rRNA	353
Herzfeld, F., s. Kiper, M.	335
Hewitt, G.M., s. Fletcher, H.L.	271
Howell, W.M., Hsu, T.C., Block, B.M.: Visualization of Centriole-Bodies Using Silver Stain	9
Hsu, T.C., s. Howell, W.M., et al.	9
Hsu, T.C., s. Kuo, M.T.	325
Humphreys, M.W.: Chromosome Instability in <i>Hordeum vulgare</i> x <i>H. bulbosum</i> Hybrids	301
Jamrich, M., s. Greenleaf, A.L., et al.	127

John, B., King, M.: Heterochromatin Variation in <i>Cryptobothrus chrysophorus</i> . II. Patterns of C-Banding	59
Kenton, A.: Giemsa C-Banding in <i>Gibasis</i> (Commelinaceae)	309
Kezer, J., s. León, P.E.	213
King, M., s. John, B.	59
Kiper, M., Herzfeld, F.: DNA Sequence Organization in the Genome of <i>Petroselinum sativum</i> (Umbelliferae)	335
Kuo, M.T., Hsu, T.C.: Studies in Heterochromatin DNA: Characterization of Transcripts Synthesized in situ from C-Banded Preparations	325
Kyhos, D.W., Carter, C.R., Smith-White, S.: The Cytology of <i>Brachycome lineariloba</i> . 7. Meiosis in Natural Hybrids and Race Relationships	81
Lattin, J.D., s. Haines, R.L., et al.	185
Lee, C.S.: Chromatin Structure of <i>Drosophila nasutoides</i> Satellites as Probed by Cross-Linking DNA in situ	103
Lee, M.R., s. Szabo, P., et al.	161
León, P.E., Kezer, J.: Localization of 5S RNA Genes on Chromosomes of Plethodontid Salamanders	213
Lubsen, N.H., Sondermeijer, P.J.A., Pages, M., Alonso, C.: In situ Hybridization of Nuclear and Cytoplasmic RNA to Locus 2-48BC in <i>Drosophila hydei</i>	199
Lucchesi, J.C., Belote, J.M., Maroni, G.: X-Linked Gene Activity in Metamales (XY; 3A) of <i>Drosophila</i>	1
Maguire, M.P.: Evidence for Separate Genetic Control of Crossing Over and Chiasma Maintenance in Maize	173
Maroni, G., s. Lucchesi, J.C., et al.	1
Moens, P.B., s. Fiil, A., et al.	21
Mounolou, J.C., s. Pinon, H., et al.	383
Murtagh, C.E.: A Unique Cytogenetic System in Monotremes	37
Nardi, I., s. Batistoni, R., et al.	231
Ogle, R.C., s. Grainger, R.M.	115
Pages, M., s. Lubsen, N.H., et al.	199
Paweletz, N., s. Ghosh, S., et al.	293
Pinon, H., Barat, M., Tourte, M., Dufresne, C., Mounolou, J.C.: Evidence for a Mitochondrial Chromosome in <i>Xenopus laevis</i> Oocytes	383
Plagens, U., s. Greenleaf, A.L., et al.	127
Prensky, W., s. Szabo, P., et al.	161
Roberts, P.A., s. Haines, R.L., et al.	185
Smith-White, S., s. Kyhos, D.W., et al.	81
Sondermeijer, P.J.A., s. Lubsen, N.H., et al.	199
Stafford, D.W., s. Wilson, F.E., et al.	373
Stambrook, P.J.: Heterogeneity in Chinese Hamster Ribosomal DNA	153
Szabo, P., Lee, M.R., Elder, F.B., Prensky, W.: Localization of 5S RNA and rRNA Genes in the Norway Rat	161
Tourte, M., s. Pinon, H., et al.	383
Wilson, F.E., Blin, N., Stafford, D.W.: Arrangement of the rRNA Sequences in the rDNA of <i>Lytechinus variegatus</i>	373
Yosida, T.H., s. Harada, M.	283
Errata: Schweizer, D.: R-Banding Produced by DNase I Digestion of Chromomycin-Stained Chromosomes	391
Indexed in Current Contents	

